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NEBRASKA
WEATHER & CROPS

NEBRASKA AGRICULTURAL STATISTICS SERVICE

For Week Ending July 11, 1993

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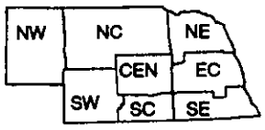
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
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WEATHER

Temperatures for the week averaged from two to seven degrees below normals. Precipitation varied from around a tenth of an inch in the northwest up to 3.70 inches in the northeast.

GENERAL

Last week's severe storms brought damage to growing crops, irrigation systems, buildings, trees, and grain storage facilities, according to the Nebraska Agricultural Statistics Service. Extent of damage to crops was being determined, but losses due to stalk breakage of corn and wheat in the storm path of winds up to 100 mph were serious. Some field activity was possible with limited plantings, cultivation, sidedressing, and beginning wheat harvest. Drier, warmer days continue to be needed for crop growth and wheat harvest.

CROPS

Winter wheat condition was rated at 1% very poor, 3% poor, 23% fair, 70% good, and 3% excellent. The crop continued to ripen at a rate about a week and a half behind normal. At week's end, about 2% had been harvested, compared with 24% last year and 55% for the five-year average. These cool, wet conditions have put harvest about three weeks behind normal.

Corn condition was rated at 3% poor, 24% fair, 65% good, and 8% excellent. Crop development remained slow and is about two weeks behind normal in reaching the silking stage. Last week's storm, which began near mid-state and traveled to the Missouri border, brought crop damage in the form of stalk breakage and leaf shredding.

CROPS (Cont.)

Cultivation and hilling proceeded where possible although many fields remained too wet to work, all the while plants are growing and may get too tall for further soil work.

Soybean condition was rated at 2% poor, 27% fair, 67% good, and 4% excellent. Plants are blooming in several areas of the State, but about twelve days behind normal. Cultivation activities were underway where possible. Storm damage was less to soybeans, but excess water problems were present.

Sorghum condition was rated at 10% poor, 30% fair, 50% good, and 10% excellent. Storm damage was less to sorghum as well, but excess water problems such as drowning out, yellowing, and silting over existed.

Dry bean cultivation proceeded where possible. Blooming had begun in several areas with 3% in this growth stage to date.

Alfalfa condition was rated at 1% poor, 10% fair, 73% good, and 16% excellent. Second cutting activities made limited progress last week. As of Sunday, 19% had been cut compared with 36% last year and 43% for the five-year average. Wild hay condition was rated at 2% fair, 58% good, and 40% excellent. Hay harvest was underway.

LIVESTOCK

Pasture and range condition was rated at 105% of normal and compares with 92% of normal last year at this time. Pastures were providing abundant grass for cattle and sheep in most areas. Flies were a problem in the western and eastern ends of the State for cattle. Mud, as a result of continued storm systems, has caused gains to be reduced for cattle on feed.

FIELD WORK PROGRESS AS OF JULY 11, 1993	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER-AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat turning	95	95	100	100	100	100	100	100	98	97	100	100
% wheat ripe	4	27	29	60	49	48	56	87	40	14	76	80
% wheat harvested	0	0	0	0	0	6	2	3	2	0	24	55
% soybeans blooming	0	1	0	0	6	2	2	5	4	0	9	23
% dry beans blooming	3	1	0	0	0	4	0	0	3	0	n/a	n/a
% alfalfa second cutting	9	27	10	21	23	24	32	23	19	10	36	43
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JULY 9, 1993												
Days suitable	6.5	3.6	2.9	1.7	1 1	4.6	1.5	0.8	2.6	3.9	3.9	
Topsoil moisture - Short	27	7	0	0	0	11	0	0	5	5	13	
(Percent) - Adequate	64	64	29	14	10	56	62	0	32	44	80	
- Surplus	9	29	71	86	90	33	38	100	63	51	7	
Subsoil moisture - Short	18	7	0	0	0	0	0	0	3	1	14	
(Percent) - Adequate	82	79	59	71	29	100	75	10	53	67	85	
- Surplus	0	14	41	29	71	0	25	90	44	32	1	

n/a - not available

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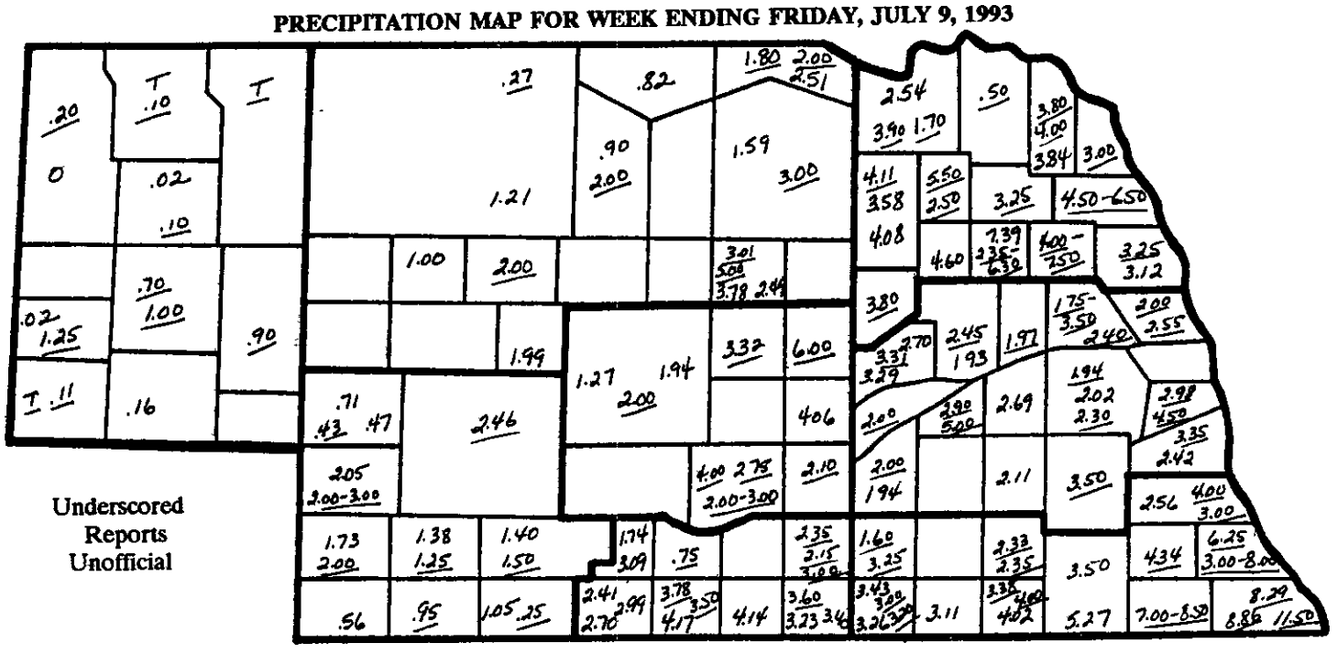
PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JULY 9, 1993



Underscored
Reports
Unofficial

PRECIPITATION, APRIL 1 - JULY 9, 1993

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.04	1.81	4.16	2.42	2.39	1.17	3.10	3.59
Total since April 1	8.41	13.14	17.96	14.97	18.05	10.81	13.25	18.00
Normal since April 1	8.54	9.97	11.43	10.79	12.01	9.09	10.75	12.23
Total as % of normal	98%	132%	157%	139%	150%	119%	123%	147%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JULY 11, 1993

	Station	Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	87	44	64	---	0	---	---	---
	Scottsbluff	88	45	67	-7	.09	986	1117	1174
	Sidney	---	---	---	---	---	924	1045	1162
NC	Valentine	85	48	68	-6	.30	966	1092	1179
NE	Norfolk	88	58	73	-2	3.70	---	---	---
	Sioux City	85	59	73	-2	1.50	---	---	---
	Concord	---	---	---	---	---	994	1139	1378
	Elgin	---	---	---	---	---	967	1103	1324
	West Point*	---	---	---	---	---	1073	1225	1414
CEN	Grand Island	87	60	72	-4	1.96	1112	1273	1382
	Ord	86	55	72	---	0	1005	1146	1379
EC	Lincoln	91	61	75	-3	2.80	1166	1342	1449
	Omaha	88	62	73	-3	2.27	1167	1331	1379
	Columbus	---	---	---	---	---	1174	1334	1418
	York	---	---	---	---	---	1119	1287	1470
SW	Imperial	92	42	68	---	.91	---	---	---
	North Platte	89	49	70	-3	2.54	**1021	**1150	**1303
SC	Holdrege	---	---	---	---	---	1091	1238	1439
SE	Beatrice	---	---	---	---	---	1177	1338	1563
	Clay Center	---	---	---	---	---	1093	1244	1471

1/ Precipitation totals not included in map above. * Automated weather station. ** North Platte Experiment Station.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.